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Cunningham Radiotron

RCA-31

POWER AMPLIFIER

Filament	Coated	
Voltage	2.0	d-c volts
Current	0.130	amp.
Direct Interelectrode Capacitances:		
Grid to Plate	5.7	μμf
Grid to Filament	3.5	μμf
Plate to Filament	2.7	μμf
Maximum Overall Length		4-1/4"
Maximum Diameter		1-9/16"
Bulb		ST-12
Base		Small 4-Pin

Pin 1-Filament+   Pin 2-Plate   Pin 3-Grid   Pin 4-Filament-

BOTTOM VIEW

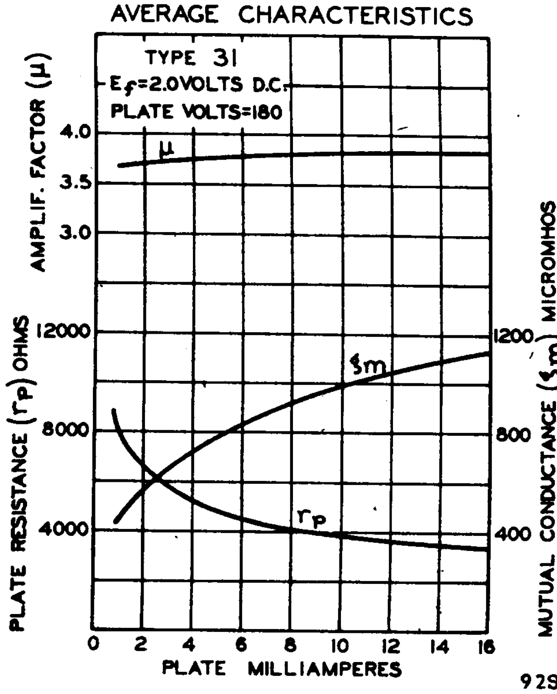
AMPLIFIER (Class A)

Operating Conditions and Characteristics:

Filament	2.0	2.0	d-c volts
Plate	135	180	volts
Grid	-22.5	-30	volts
Amp. Factor	3.8	3.8	
Plate Res.	4100	3600	ohms
Mut. Cond.	925	1050	μmhos
Plate Cur.	8.0	12.3	ma.
Load Res.	7000	5700	ohms
Self-Bias Res.	2815	2440	ohms
U.P.O.	185	375	mw.

Full or partial self-biasing is to be preferred; required if grid resistor (maximum value 1.0 megohm) is used.

AVERAGE CHARACTERISTICS



92S-562R2

JULY 1, 1935   RCA RADIOTRON DIVISION   DATA

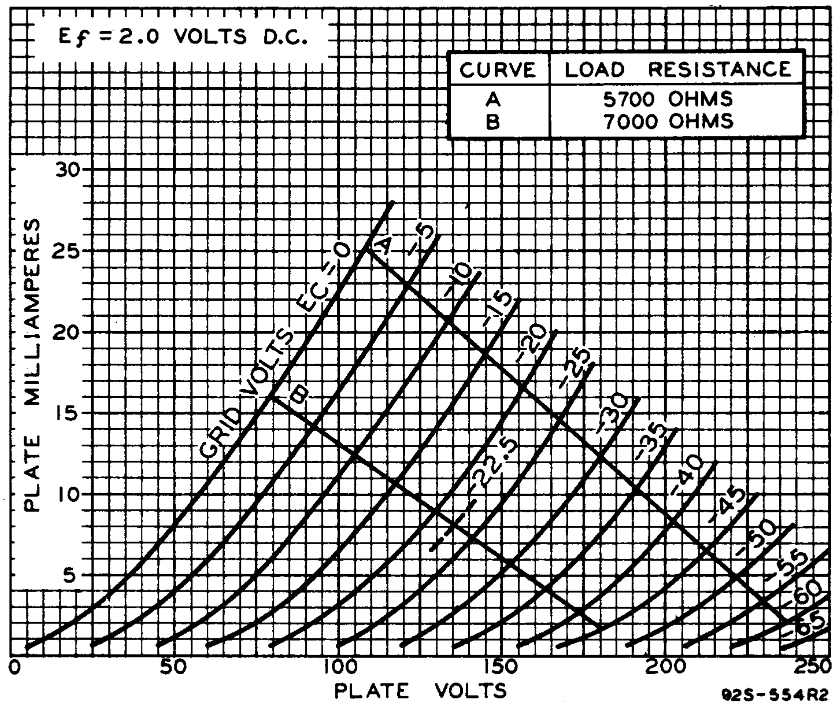
RCA MANUFACTURING COMPANY, INC.

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AVERAGE PLATE CHARACTERISTICS



AVERAGE CHARACTERISTICS

